

10/507394

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
25 September 2003 (25.09.2003)

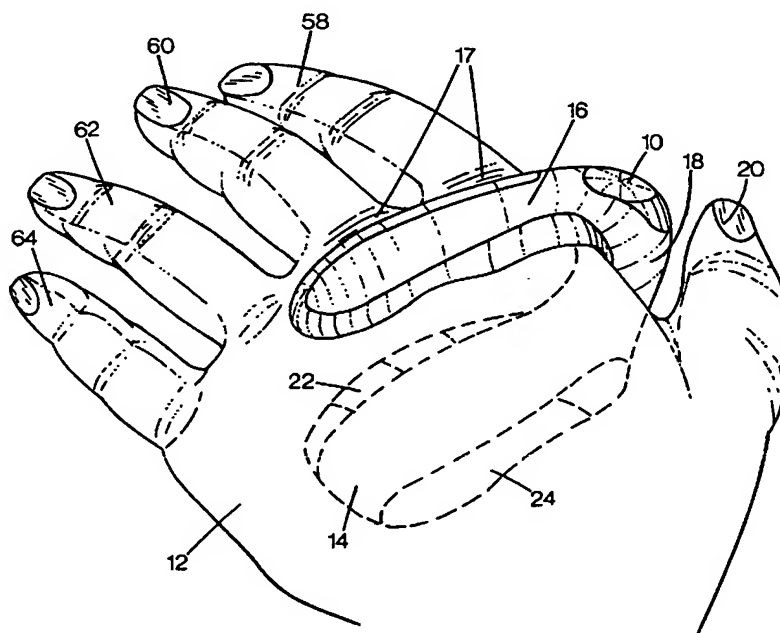
PCT

(10) International Publication Number
WO 2003/079141 A3

- (51) International Patent Classification⁷: **G06F 19/00**
- (21) International Application Number:
PCT/US2003/002904
- (22) International Filing Date: 31 January 2003 (31.01.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
60/363,792 12 March 2002 (12.03.2002) US
- (71) Applicant (for all designated States except US): **SENSE-BOARD, INC.** [US/US]; c/o Fasth Law Offices, 189 Curtis Drive, Longview, WA 98632-5374 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **ALSIO, Gunilla** [SE/SE]; Katrinebergsbacken 16, S-117 61 Stockholm (SE). **ASPLUND, Lars** [SE/SE]; Jakobsgatan 23, S-724 64 Vasteras (SE).
- (74) Agent: **FASTH, Rolf**; Fasth Law Offices, 629 E. Boca Raton Road, Phoenix, AZ 85022 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- (88) Date of publication of the international search report:
31 December 2003

[Continued on next page]

(54) Title: DATA INPUT DEVICE



(57) Abstract: The method is for entering data into a computer device. The device (10) may be mounted, for example, to hand (12) so that a lower unit (14) is placed below palm and finger section of the hand (12) and upper unit (16) is placed above the hand (12) behind the knuckles (17). The unit (16) may include a PDA or a small display for showing, for example, what is being typed. Preferably, the units (14, 16) are connected by a connecting portion (18) disposed inside a thumb (20).

WO 2003/079141 A3

WO 2003/079141 A3



For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/02904

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G06F 19/00

US CL : 700/168

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 700/168; 361/683, 708.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,320,496 B1 (SOKOLER et al.) 20 November 2001 (20.11.2001), Whole Document.	1-10
Y	US 6,108,197 A (JANIK) 22 August 2000 (22.08.2000), Whole document.	1-10
A	US 5,798,907 A (JANIK) 25 August 1998 (25.08.1998), Whole document.	1-10

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T"

later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X"

document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y"

document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&"

document member of the same patent family

Date of the actual completion of the international search

15 September 2003 (15.09.2003)

Date of mailing of the international search report

10 OCT 2003

Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Facsimile No. (703)305-3230

Authorized officer

Leo Picard

Telephone No. (703) 308-0538